Abstract

A Digital Subscriber Line Access Multiplexer (DSLAM) is provided which comprises: a network side interface adapted to receive a plurality of communication signals conveyed along a broadband network: a storage means adapted to receive at least some of the communication signals, associate one or more corresponding priorities therewith, and store their content in accordance with at least one of the associated priorities: multiplexing means operative to retrieve content stored in the storage means and multiplex the content received with run time data received at the network side interface into a multiplexed product while ensuring at least a minimum pre-defined quality of service for the multiplexed product: a subscribers' output interface adapted to receive the multiplexed product from the multiplexing means and forward it along a communication line extending towards a subscriber; and a subscribers' input interface adapted to receive information generated by subscribers.